

FIGURE 1

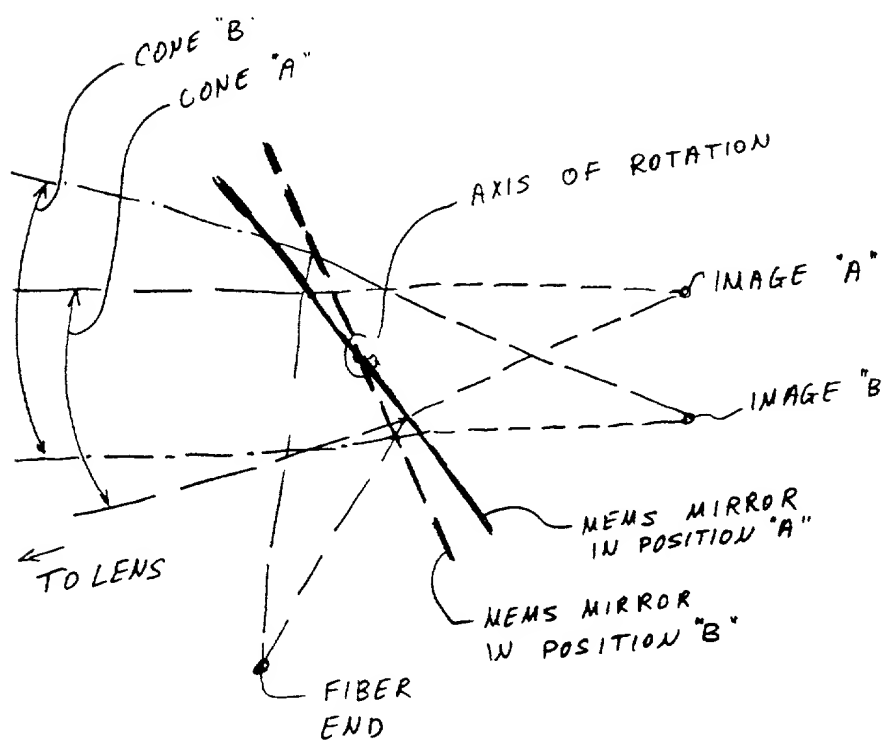


FIGURE 2

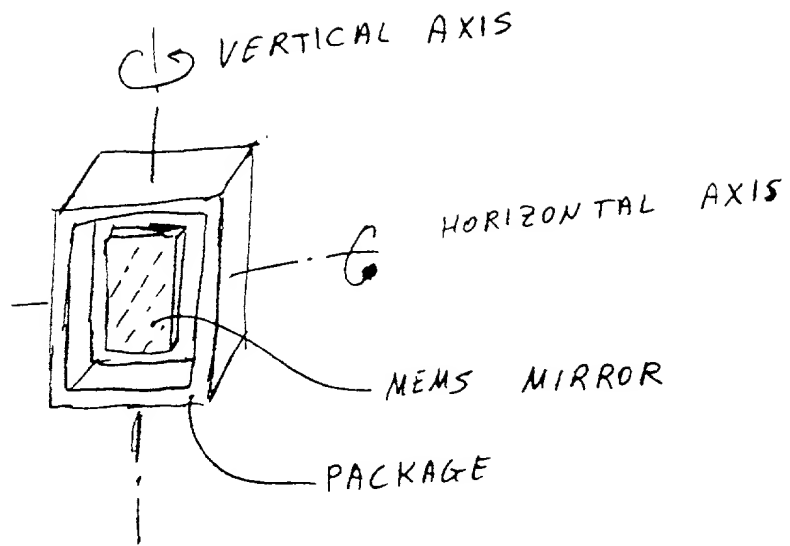


FIGURE 3

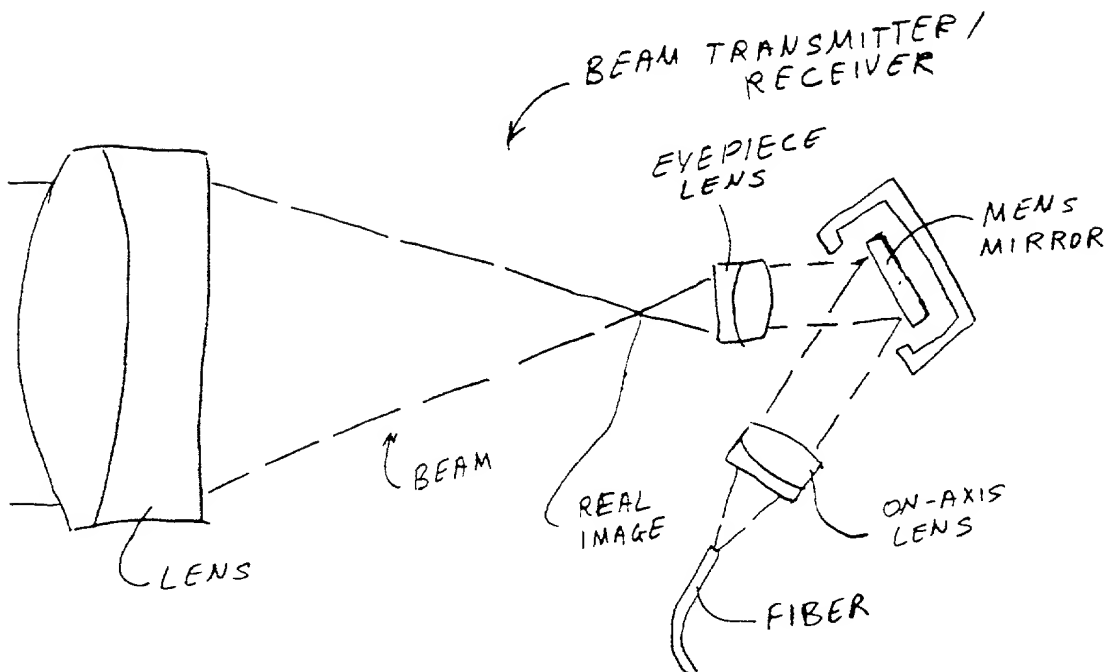


FIGURE 4

1. The first step in the design of a beam transmitter/receiver is to determine the required range and the required accuracy of the measurement. This is done by consulting the specifications of the equipment to be used.

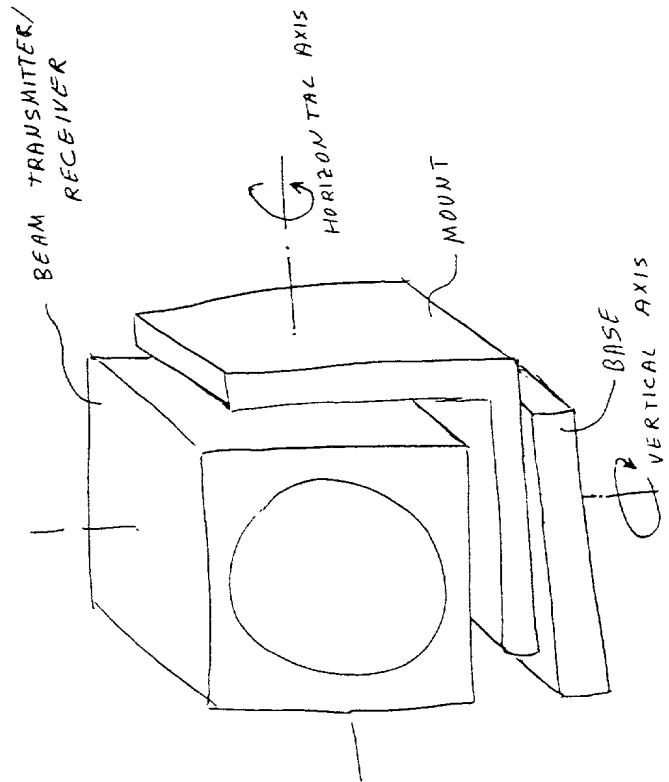


FIGURE 5 "

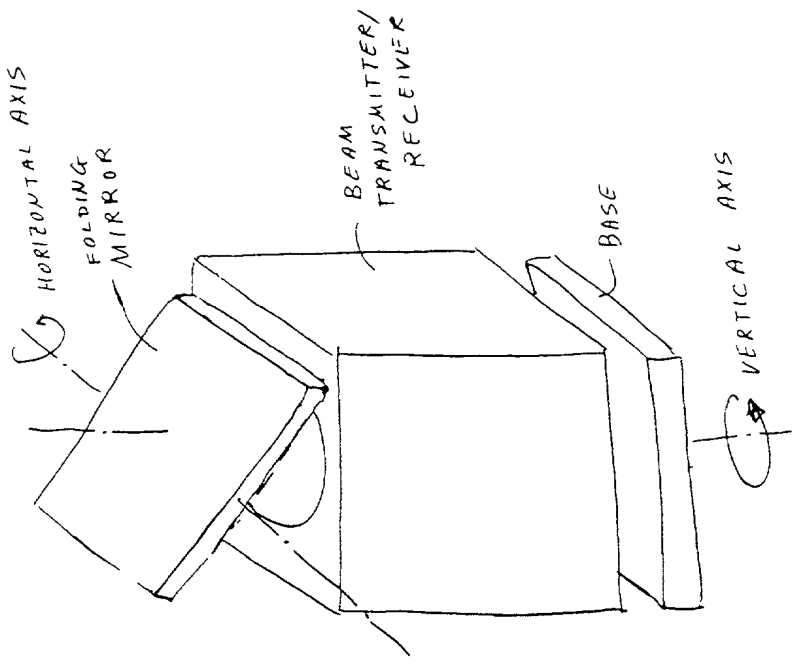


FIGURE 6

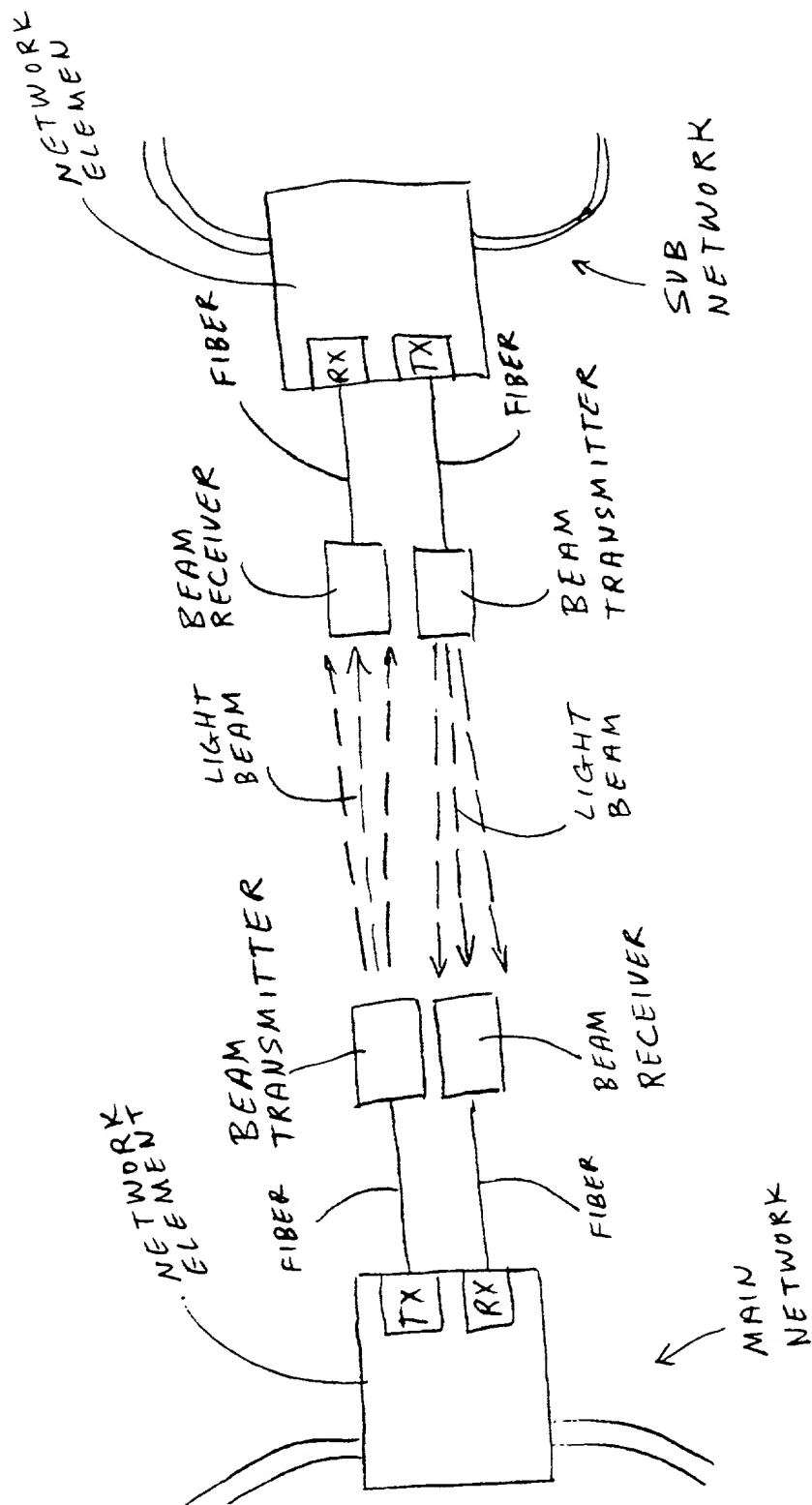


FIGURE 7

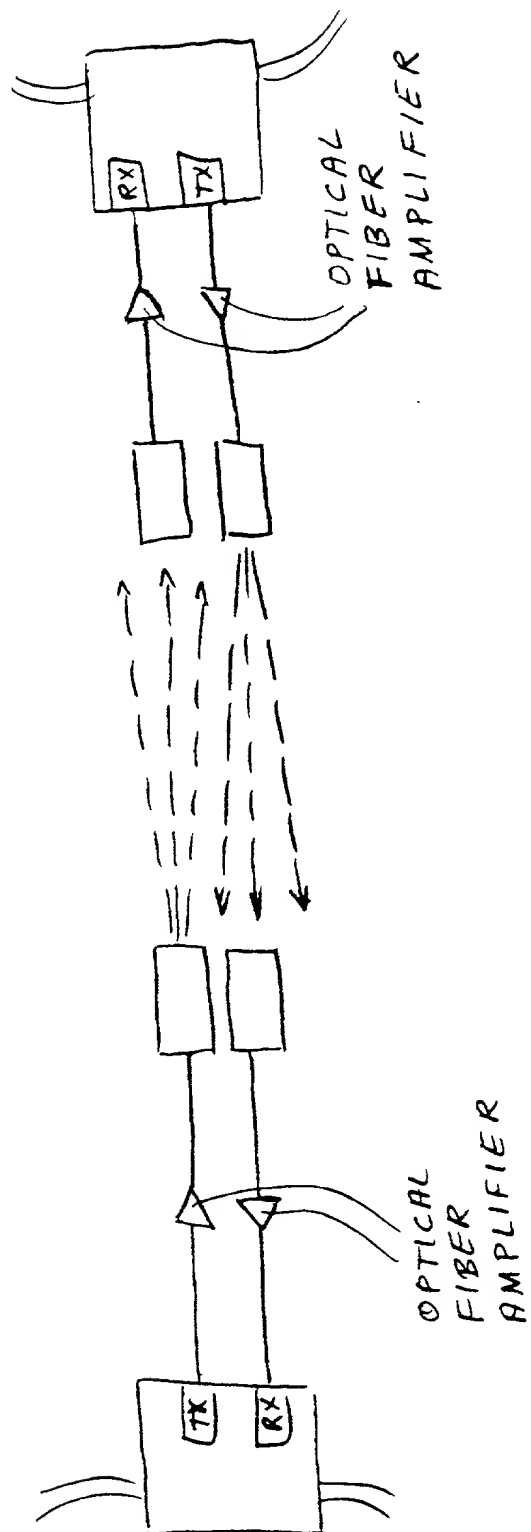


FIGURE 8

Hand-drawn diagram showing a network architecture with multiple sub-networks connected to a central fiber optics switch.

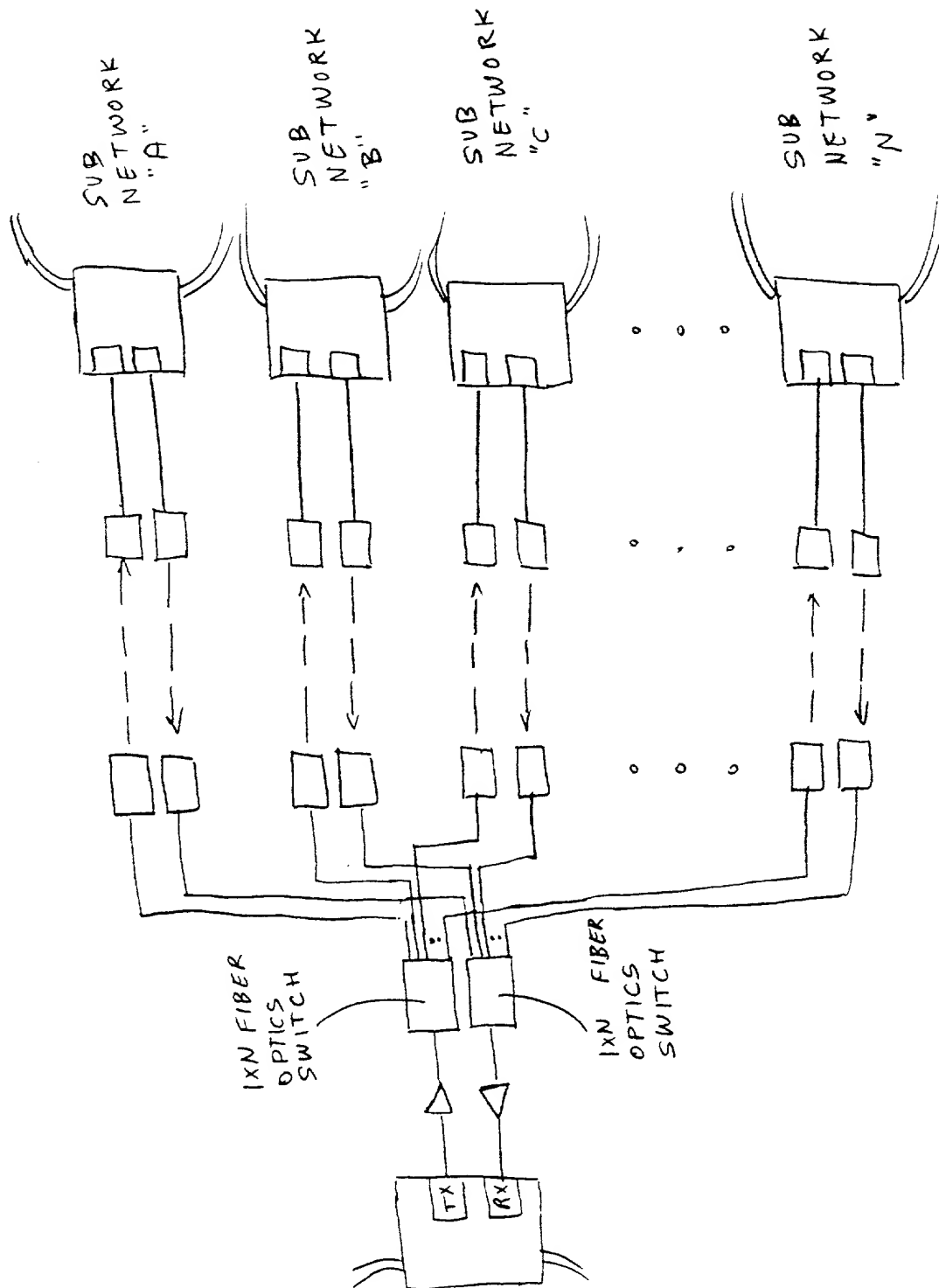


FIGURE 9

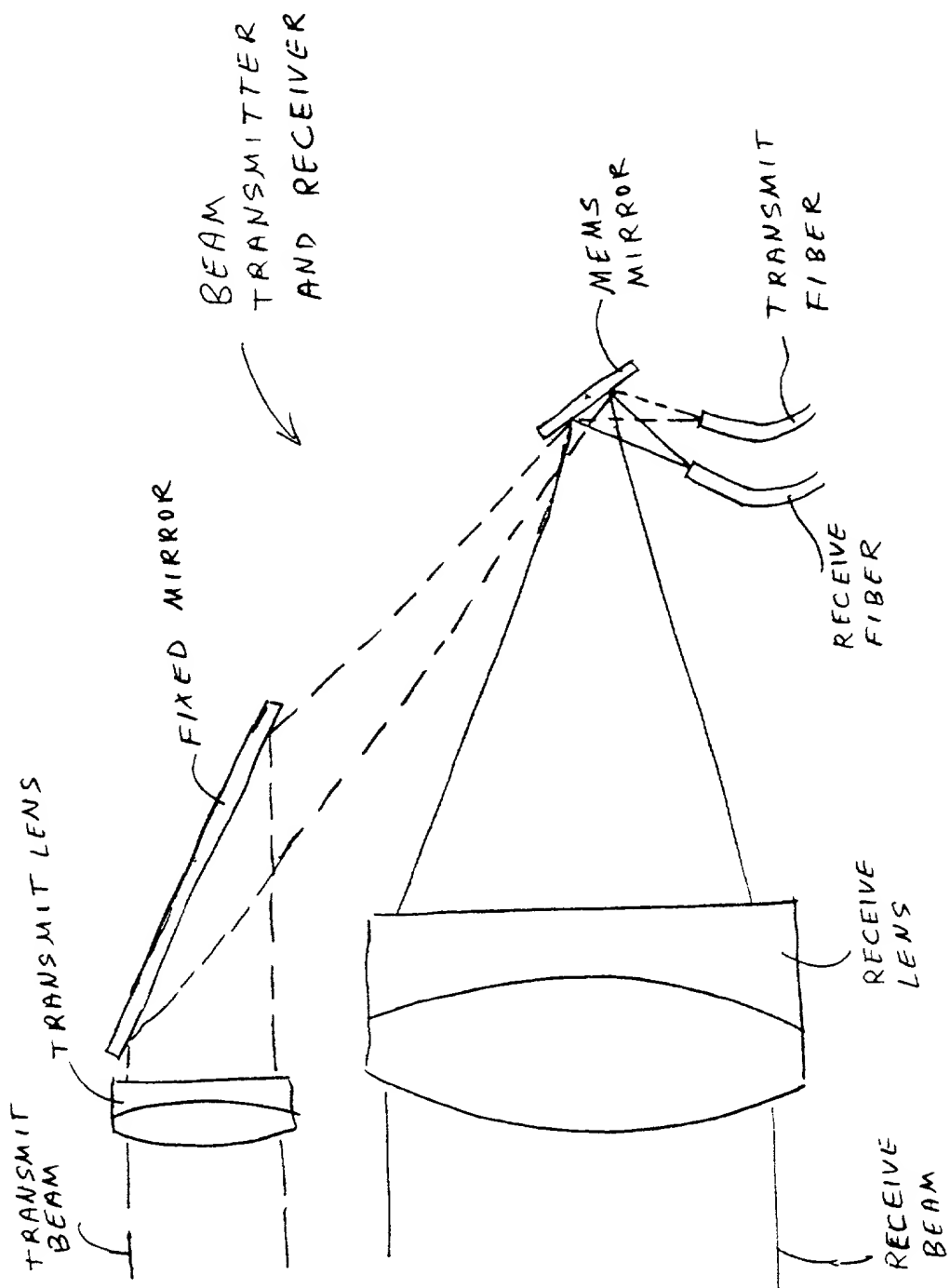


FIGURE 10

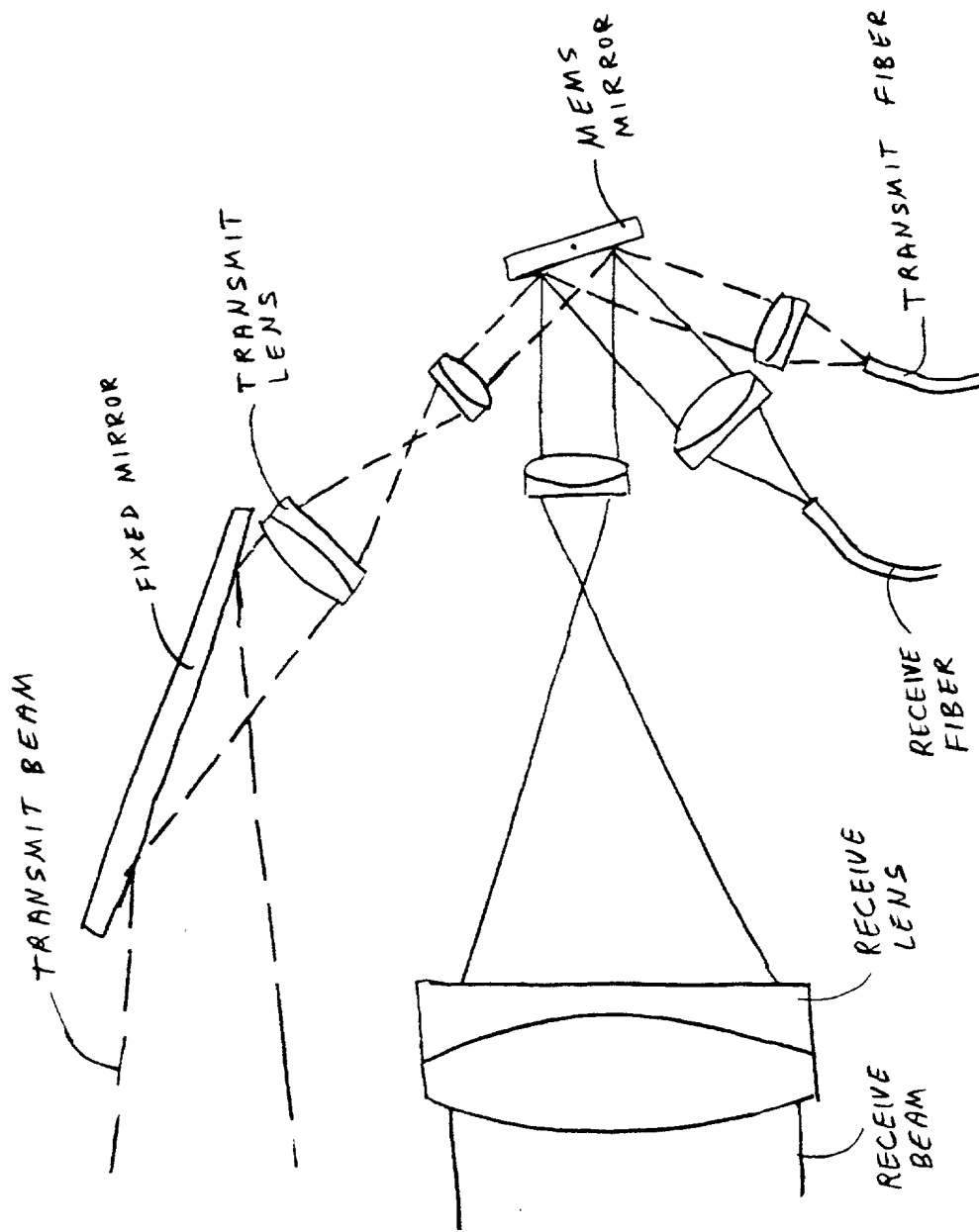


FIGURE 11



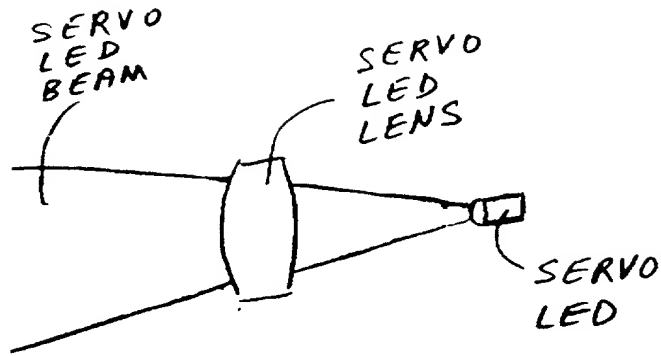


FIGURE 12

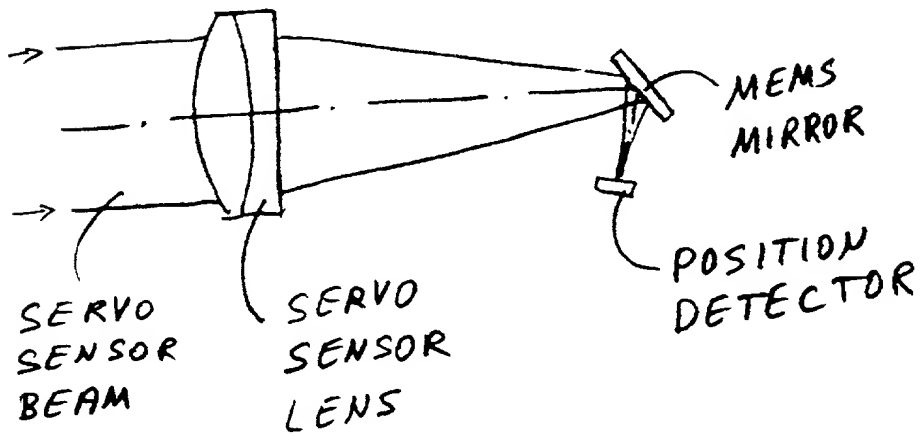


FIGURE 13

1. The first part of the diagram shows a beam transmitter and receiver. The transmitter consists of a servo LED, a lens, and a mirror. The receiver consists of a servo sensor lens, a lens, and a mirror. The beam is reflected by the mirror and focused by the lens onto the servo sensor lens.

BEAM TRANSMITTER AND RECEIVER

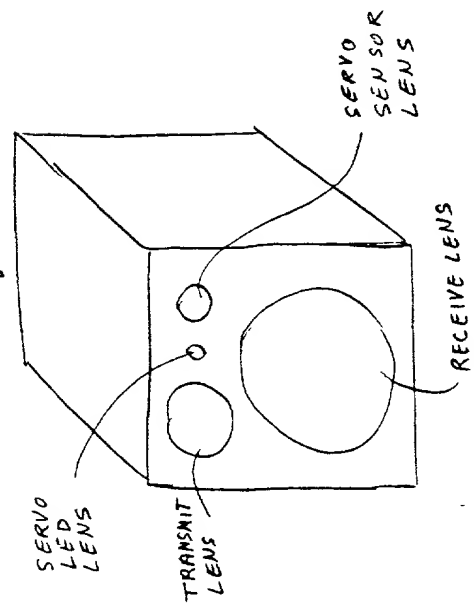


FIGURE 14

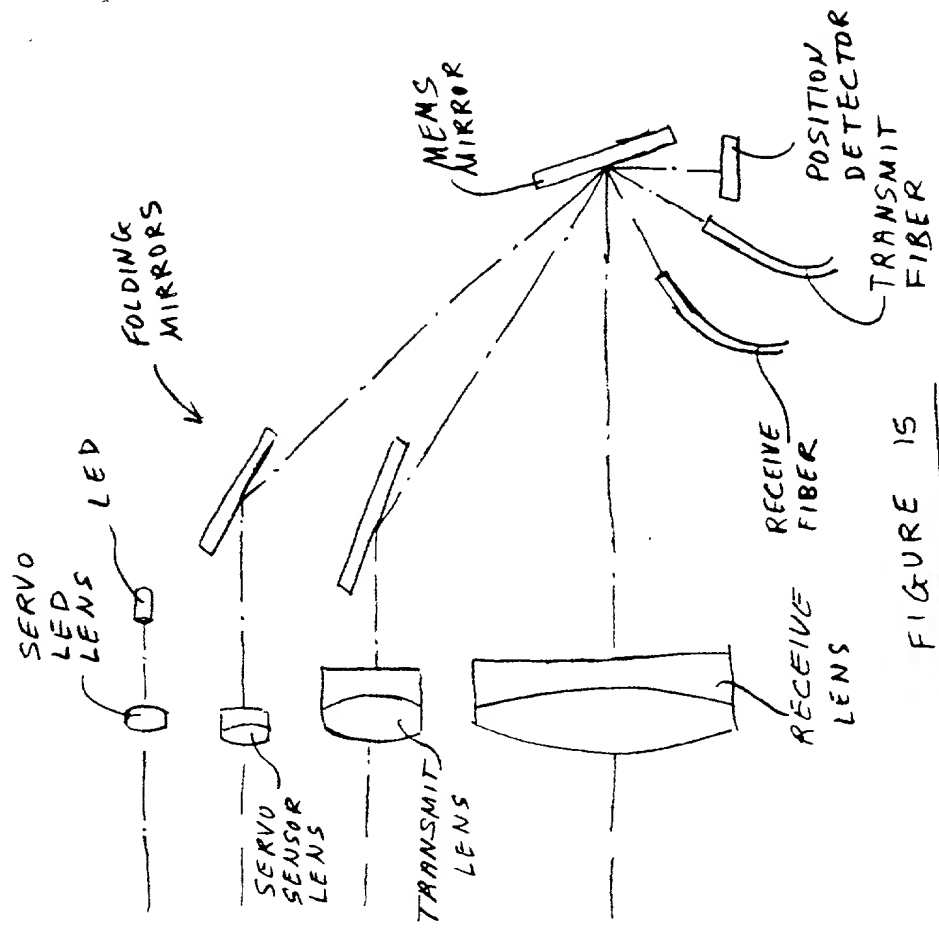


FIGURE 15